



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 22 89 54 33

Classification of the application (IPC):
F04D 29/28, F24F 1/0022, F04D 29/26, F04D 29/62, F24F 1/0018

Technical fields searched (IPC):
F04D, F24F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	WO 2013051297 A1 (HITACHI APPLIANCES INC [JP]; YAHAGI KENICHI [JP]; TOKITA SATOMI [JP]) 11 April 2013 (2013-04-11) * abstract; figures 1-21 *	1-4
X	CN 109681460 A (GREE ELECTRIC APPLIANCES INC ZHUHAI) 26 April 2019 (2019-04-26) * abstract; figures 1-3 *	1-3
X	CN 110998102 A (MITSUBISHI ELECTRIC CORPORATION) 10 April 2020 (2020-04-10) * abstract; figures 3-12 *	1, 2, 4
X	US 2008131274 A1 (KIM IN GYU [KR] ET AL) 05 June 2008 (2008-06-05) * abstract; figures 2, 3a, 3b *	1, 2, 4
X	KR 100397303 B1 (DAEWOO ELECTRONICS CO LTD [KR]) 06 September 2003 (2003-09-06) * abstract; figures 1-5 *	1, 2, 4
X	WO 2021219110 A1 (HISENSE GUANGDONG AIR CONDITIONING CO LTD [CN]) 04 November 2021 (2021-11-04) * abstract; figures 1-10 *	1, 2, 4

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 09 October 2024	Examiner Valenza, Davide
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CATEGORY OF CITED DOCUMENTS

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|---|--|
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| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 09-10-2024
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2013051297 A1	11-04-2013	JP 2013079617 A WO 2013051297 A1	02-05-2013 11-04-2013
CN 109681460 A	26-04-2019	NONE	
CN 110998102 A	10-04-2020	CN 110998102 A EP 3462038 A1 JP 6749495 B2 JP WO2019026097 A1 US 2020116157 A1 WO 2019026097 A1	10-04-2020 03-04-2019 02-09-2020 27-02-2020 16-04-2020 07-02-2019
US 2008131274 A1	05-06-2008	AU 2004318199 A1 AU 2004318200 A1 AU 2004318201 A1 CN 1938521 A CN 1938550 A CN 1954152 A EP 1751431 A2 EP 1751471 A2 EP 1756430 A2 ES 2344295 T3 ES 2358112 T3 ES 2395904 T3 KR 20050099352 A KR 20060032583 A KR 20060036898 A KR 20060036899 A US 2008084140 A1 US 2008127671 A1 US 2008131274 A1 WO 2005096714 A2 WO 2005096715 A2 WO 2005096716 A2	20-10-2005 20-10-2005 20-10-2005 28-03-2007 28-03-2007 25-04-2007 14-02-2007 14-02-2007 28-02-2007 24-08-2010 05-05-2011 15-02-2013 13-10-2005 17-04-2006 02-05-2006 02-05-2006 10-04-2008 05-06-2008 05-06-2008 20-10-2005 20-10-2005 20-10-2005
KR 100397303 B1	06-09-2003	NONE	
WO 2021219110 A1	04-11-2021	JP 7524342 B2 JP 2023520695 A WO 2021219110 A1	29-07-2024 18-05-2023 04-11-2021